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BARNACK RURAL DISTRICT COUNCIL

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH

FOR THE YEAR 1956

To which is added

THE ANNUAL REPORT OF THE

SURVEYOR & PUBLIC HEALTH INSPECTOR

MINISTRY OF HEALTH

Public Health Officers of the Authority:-

Medical Officer of Health — Dr. W. Anley Hawes, M.B., B.S., D.P.H. Lond.,

Public Health Inspector — D. Ward Griffiths, M.R.San.I., M.S.I.A.,

Council Offices,
Broad Street,
Stamford.

To the Chairman and Councillors of the
Barnack Rural District Council.

SEP 1957

My Lord, Ladies and Gentlemen,

I have the honour to present my twenty ninth Annual Report for the Year 1956.

The general health of the District has again been very satisfactory with the birth rate above and the death rate below that of England and Wales vis. 15 . 7 and 11 . 7 respectively.

Infectious diseases notified have been few. No cases of Diphtheria or Polio-myelitis were reported and there were no deaths from, or new cases of Tuberculosis.

The Barnack Water Supply has been satisfactory in quality and quantity. Extensions and alterations to the Thornhaugh Water Supply were nearing completion at the end of the year; this supply should now be satisfactory and of good quality water. Bacteriological tests of water samples have been made at regular intervals.

The revised scheme for the Barnack Sewerage was submitted and a local enquiry is awaited.

The Wothorpe and St. Martin sewerage scheme for connection to the Stamford Borough sewers was commenced and nearing completion by December.

I am, My Lord, Ladies & Gentlemen,
Your obedient Servant

W. Anley Hawes.

Medical Officer of Health.

SECTION A. STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area	15,255 acres.
Population estimated mid 1956	4,340
Number of inhabited houses from Rate Book	785+164 R.A.F
Rateable Value	£40,843
Sum represented by Penny Rate	£164. 1s. 7d.

EXTRACT FROM VITAL STATISTICS FOR THE YEAR.

	Total	M	F
Live Births:-			
Total	70	42	28
Legitimate		40	26
Illegitimate		2	2

Crude Birth Rate per 1000 of estimated resident population 16.1

Comparable Birth Rate per 1000 of estimated resident population 22.0

Still Births:-			
Total	1	-	1
Legitimate		-	1
Illegitimate		-	-
Deaths:-			
Total	35	25	10

Crude Death Rate per 1000 of estimated resident population 8.0

Comparable Death Rate per 1000 of estimated resident population 10.04

DEATHS OF INFANTS UNDER 4 WEEKS OF AGE			
Total	2		
Legitimate		2	-
Illegitimate		-	-
DEATHS OF INFANTS UNDER 1 YEAR OF AGE			
Total	2		
Legitimate		2	-
Illegitimate		-	-

RECORDED NUMBER OF DEATHS OF INFANTS UNDER 1 YEAR OF AGE:-

Year	Legitimate	Illegitimate	Total Deaths
1945	1	-	1
1946	1	-	1
1947	1	-	1
1948	4	-	4
1949	2	-	2
1950	1	-	1
1951	1	-	1
1952		-	-
1953	1	-	1
1954	1	-	1
1955	2	-	2
1956	2	-	2

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INTERNATIONAL STATISTICAL CLASSIFICATION OF DISEASES,

INJURIES AND CAUSES OF DEATHS.

	Male	Female
Tuberculosis respiratory	-	-
Tuberculosis (other forms)	-	-
Syphilitic Disease	-	-
Diphtheria	-	-
Whooping Cough	-	-
Meningococcal Infections	-	-
Acute Poliomyelitis	-	-
Measles	-	-
Other Infective & Parasitic diseases	-	-
Malignant neoplasm of stomach	1	1
Malignant neoplasm of lung, bronchus	1	-
Malignant neoplasm of breast	-	-
Malignant neoplasm of uterus	-	-
Other malignant & lymphatic neoplasm	1	-
Leukaemia & Aleukaemia	-	-
Diabetes	-	-
Vascular lesions of nervous system	3	6
Coronary diseases, angina	5	1
Hypertension with heart disease	-	-
Other Heart diseases	3	-
Other circulatory diseases	3	1
Influenza	-	-
Pneumonia	1	-
Bronchitis	2	-
Other Diseases Respiratory system	-	-
Ulcer of stomach and duodenum	-	-
Gastritis, Enteritis & Diarrhoea	-	-
Hyperplasia of prostate	-	-
Nephritis & Nephrosis	-	-
Pregnancy, Childbirth & Abortion	-	-
Congenital malformation	-	1
Other defined and ill defined diseases	2	-
Motor Vehicle Accidents	2	-
All other Accidents	1	-
Suicide	-	-
Homicide & operations of war	-	-
	25	10

NET DEATHS FROM STATED CAUSES UNDER ONE YEAR OF AGE

	Under 1 week	1 - 2 weeks	2 - 3 weeks	3 - 4 weeks	Total under 1 month	1 - 3 months	3 - 6 months	6 - 9 months	Total under 1 year.
Premature Birth & Malformation etc.	2	-	-	-	2	-	-	-	2
Pneumonia & Bronchitis	-	-	-	-	-	-	-	-	-
Enteritis and Diarrhoea	-	-	-	-	-	-	-	-	-
Other Causes	-	-	-	-	-	-	-	-	-
Total	2	-	-	-	2	-	-	-	2

ANALYSIS OF CASES OF INFECTIOUS DISEASES AND DEATHS THEREFROM.

	Total Cases Notified	Total Admitted to Hospital	Total Deaths
Scarlet Fever	8		
Pneumonia	5		
Poliomyelitis	-		
Dysentery	2	1	
Measles	4		
Whooping Cough	11		
Total	30	1	-

AGE DISTRIBUTUION OF THE NOTIFIED INFECTIOUS DISEASES

	Not Known	Under 1 Year	1 -	2 -	3 -	4 -	5 -	10 -	15 -	20 -	25 -	35 -	45 -	55 -	65 -	Total
Scarlet Fever	-	-	-	2	-	-	5	-	-	1	-	-	-	-	-	8
Pneumonia	-	-	-	-	-	-	-	1	1	1	1	-	-	-	1	5
Measles	-	-	-	-	1	1	1	1	-	-	-	-	-	-	-	4
Whooping Cough	-	-	-	-	2	2	6	-	-	1	-	-	-	-	-	11
Dysentery	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	2
Total	-	-	-	2	3	3	13	1	1	3	2	-	-	-	1	30

TUBERCULOSIS

	Deaths during 1956				New Cases during 1956			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M	F	M	F	M	F	M	F
1 - 5 yrs.	-	-	-	-	-	-	-	-
5 - 15 "	-	-	-	-	-	-	-	-
15 - 25 "	-	-	-	-	-	-	-	-
35 - 45 "	-	-	-	-	-	-	-	-
45 - 55 "	-	-	-	-	-	-	-	-
55 - 65 "	-	-	-	-	-	-	-	-
Over 65 "	-	-	-	-	-	-	-	
Total	-	-	-	-	-	-	-	-

FACTORY ACT.

1. Inspection for purposes of provisions as to health (including inspections made by the Sanitary Inspector).

	Number on Register	Number of Inspections.	Number of Written Notices	Number of Occupiers Prosecuted.
(i) Factories in which sections 1,2,3,4 & 6 are to be enforced by Local Authorities	4	11	-	-
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority.	6	14	-	-
(iii) Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers premises).	7	9	-	-
Total	17	34	-	-

2. CASES IN WHICH DEFECTS WERE FOUND.

(If defects are discovered at the premises on two, three or more separate occasions, they should be reckoned as two, three or mor "cases").

	Number of cases in which defects were found				Number of cases in which Prosecutions were instituted
	Found	Remedied	Referred To H.M. Inspector	Referred By H.M. Inspector	
Want of Cleanliness	-	-	-	-	-
Overcrowding	-	-	-	-	-
Unreasonable temperature	-	-	-	-	-
Inadequate ventilation	-	-	-	-	-
Ineffective drainage of floors	-	-	-	-	-
Sanitary Conveniences:-					
(a) insufficient	1	-	-	-	-
(b) unsuitable or defective	-	-	-	-	-
(c) not separate for sexes	-	-	-	-	-
Other offences against the Act (Not including Offences relating to Outwork).	-	-	-	-	-
Total	1	-	-	-	-

GENERAL PROVISIONS OF HEALTH SERVICES IN THE AREA.

Nursing in the Home.

Under the Soke of Peterborough County Council Scheme the services of the District Nurses are available in all the villages in the District.

Home Helps.

Home Helps are available under the County Council Scheme. Application should be made to:-

The Home Help Organiser,
County Council Offices,
Bridge Street,
Peterborough.

General Hospitals.

Acute and Maternity admissions to either Stamford and Rutland Hospital, Stamford, or the Memorial Hospital, Peterborough, or Maternity Units under the charge of this Hospital.

Chronic and long term cases are admitted to St. George's Hospital, Stamford.

Isolation Hospital.

Infectious cases are admitted to the Peterborough Isolation Hospital under the Peterborough Hospital Management Committee.

TREATMENT CENTRES AND CLINICS.

(a) Provided by the Soke of Peterborough County Council.

Child Welfare - Clinics

(a) The Methodist Church School, Barnack.	1st & 3rd Thursday in the month. 2 - 4 p.m.
(b) The Sick Quarters, R.A.F. Station, Wittering.	1st & 3rd Tuesday in the month. 2 - 4 p.m.

Diptheria Immunisation.

Provided under the General Practitioner Service of the National Health Act.

(b) Provided by the Regional Hospital Board.

Tuberculosis.

Tuberculosis cases are seen at the Chest Clinic, Stamford Hospital, provided by the Peterborough and Stamford Hospital Management Committee.

Weekly Clinic:-

Stamford and Rutland Hospital	-	Tuesday from 9 a.m.
Chest Clinic, 1 Thorpe Road, Peterborough.	-	Mondays and Wednesdays by appointment.

LABORATORY FACILITIES.

Bacteriological examinations are provided by the Public Health Laboratory, Memorial Hospital, Peterborough, under Dr. D.H. Fulton.

Examination of water samples and/or bacteriological specimens are made both at the request of the Public Health and National Health General Practitioner Services.

SANITARY CIRCUMSTANCES OF THE AREA.

(a) Barnack Bore

The Barnack supply has been mainly satisfactory in quantity and quality and tests have been taken throughout the year for bacteriological examination.

(b) Thornhaugh Springs

Extensions and alterations to this supply were commenced during 1956. This should provide adequate and good quality water, and at the time of writing excellent bacteriological results have been obtained.

SECTION F. PREVALENCE OF AND CONTROL OVER INFECTIOUS & OTHER DISEASES.

Food Poisoning.

No cases of food poisoning were reported.

Bad Bugs.

No cases reported.

Clean Food Campaign

Model Byelaws for handling, wrapping and delivery of food sold, are in use in the district. Health Education leaflets are obtained from the County Medical Officer's Department.

National Assistance Act 1946

No action necessary.

Details of other sanitary conditions, food inspection and housing, will be found in the following pages of the Public Health Inspector's report.

BARNACK RURAL DISTRICT COUNCIL

ANNUAL REPORT

OF THE

PUBLIC HEALTH INSPECTOR, SURVEYOR AND WATER ENGINEER

FOR THE YEAR 1956

Mr. Chairman, My Lord, Madam and Gentlemen,

I have pleasure in submitting my 6th Annual Report for the year ending 1956.

STATEMENT OF INSPECTIONS AND VISITS.

Water Supplies	90
Refuse Collector & Disposal	16
Drainage & Sewage Disposal	125
Factories & Workshops	34
Housing(other than Council Houses)	76
Council House Maintenance	310
Building	85
Infectious Diseases	14
Food Preparation(including School Kitchens)	25
Miscellaneous	80
	855

HOUSING & PUBLIC HEALTH ACTS.

As a result of informal action 11 unfit houses were closed with the consent of the owners, and in the majority of cases undertakings were accepted that these dwellings would not be re-let for human habitation. In addition a written undertaking not to re-let for human habitation was accepted in the case of a further 5 dwellings.

26 dwellings were repaired as a result of informal action but 3 abatement Notices were still outstanding at the end of the year. During the year 5 applications for Improvement Grants were approved. In the case of an Improvement Grant made in 1955 the grant was withheld during the year under review due to certain conditions not being complied with.

MILK REGULATIONS.

There were 6 distributors of milk and one dealer in the district. Twelve supplementary licences for the retail sale of designated milks(T.T. Sterilised, and Pasteurised)were issued.

There are no dairies in the district other than dairy farms.

Five samples of milk, from 73 dairy cows, were taken for biological examination during a morning milking from the dairy farm. These samples were subsequently found to be satisfactory.

FACTORIES AND WORKSHOPS.

The number of factories registered (15) is the same as the previous year, the majority being small one-man businesses. In one factory it was found that the sanitary conveniences were still insufficient and at the end of the year plans had been deposited for certain alterations which included for the provisions of suitable conveniences. No Out-workers Lists were received during the year.

SHOPS ACTS.

The number of shops (12) is the same as the previous year. Periodical inspections were made during the year. One shop was found to be dirty, but some improvement was made after discussion with the owner.

CONDEMNATION OF FOOD.

No Food was condemned during the year.

REGISTERED FOOD PREMISES.

Periodical inspections were made during the year, including inspections to school kitchens, and there is nothing special to report. A further application for the registration of premises was approved for the storage and sale of ice-cream, making a total of 11 such premises on the register.

All ice-cream is sold in pre-packed containers.

SLAUGHTER HOUSES AND KNACKERS YARDS.

There are no Slaughter Houses in the district. A licence was renewed at the beginning of the year in respect of a slaughter-man residing in the district.

RAG FLOCK ACT 1951.

No such premises are registered in the district.

PET ANIMALS ACT.

No such premises are licenced in the district.

PREVENTION OF DAMAGE BY PESTS ACT.

I have to report that the scheme whereby a part-time Rodent Operator was employed in conjunction with four adjoining Authorities was again satisfactory.

The various sewage disposal works, together with certain lengths of public sewers, have been periodically treated, and all complaints of rodent infestation in the district have been investigated and treatment given.

INFECTIOUS DISEASES AND DISINFECTION.

The necessary investigations and terminal disinfections have been carried out in one case of Scarlatina and five cases of Scarlet Fever. In addition necessary visits were made to investigate two cases of Dysentery.

DRAINAGE AND SEWAGE DISPOSAL.

(a) Pilsgate, Barnack, Bainton and Ufford.

A scheme for the sewering of these areas, with a sewage disposal unit at Bainton and an outfall to the River Welland, was being prepared by the Consulting Engineers during the year.

(b) St. Martins and Wothorpe.

This scheme was commenced during the year and was nearing completion at the end of the year.

(c) Wittering.

A 6" sewer in the village street was completed during the early part of the year.

Additions to the existing sewage disposal unit (settling tank, filter bed, humus tank, etc) were commenced under an Air Ministry contract during the year. Certain repairs to the Pneu pump and compressor of this unit were carried out.

Several blockages again occurred in the drains and sewers within the R.A.F. housing site, and, when freed, the extra volume of effluent caused considerable disruption in the performance of the unit.

It was apparent at the end of the year that, because of the nature of the site and the piece-meal development of the works by different stages, extra labour was required to ensure a satisfactory effluent to the stream.

(d) General.

The small sewage disposal units serving council houses in Wansford, Thornhaugh, Pilsgate, Barnack and Ufford continued to be maintained during the year, the settling tanks being periodically emptied.

In addition certain dykes taking effluents from the units at Orchard Road and Uffington Road were cleaned out.

NIGHT SOIL COLLECTION.

The weekly collection of night-soil by direct labour from all parishes has again proved to be generally satisfactory except in the case of holidays or sickness. Of a necessity under the circumstances, a certain disruption in this service is to be expected as it is extremely difficult to get anyone to do this work for a comparatively short period.

REFUSE COLLECTION AND DISPOSAL.

The fortnigthly collection of domestic refuse in the district, which is carried out by contract, again proved to be generally satisfactory. Refuse is disposed of in a controlled tip situated within the Peterborough Rural District.

WATER SUPPLIES.

(a) Wansford and Thornhauth.

Work was commenced on a new 20,000 galls sump, pumphouse and ancillary works at Leicester Road, Thornhaugh, and was nearing completion at the end of the year. A 3" branch extension from the pumping main from Thornhaugh to Wittering to the Roma Cafe was approved by the Ministry at the end of the year.

WATER SUPPLIES.

(a) Wansford and Thornhaugh(continued).

In December many complaints were received from consumers in Wansford and Thornhaugh of a 'medicated' taste of the water.

On investigation it was found that an agricultural contractor had jettisoned some gas liquor on a field adjacent to the collecting area, and this obviously was the cause. As a precautionary measure, consumers in the two villages were warned and drinking water was conveyed by fire tender by the kind co-operation of the County Fire Service.

However, four samples of water from the spring taken for chemical analysis on four consecutive days failed to reveal anything injurious to health. Despite complete flushings of the unit, the abnormal taste persisted for some weeks.

I should again point out that if the application made by a Company for the winning of iron ore in an area approximately 150 yards away from the spring source is allowed it might prejudice the quantity or quality of this supply.

During the year 3,437,000 galls were consumed in these two villages compared with 3,496,000 galls. the previous year. Certain repairs and adjustments were again carried out to the hydram.

(b) Barnack Water Supply.

During the year the Consulting Engineers were asked to report on the apparent inadequate storage facilities afforded by the 15,000 elevated tank at Pilsgate. The new 13 h.p. electrical pump installed in the Barnack Borehole last year worked satisfactory with an output of approximately 6,500 galls per hour as compared to the output of the previous pump of approximately 2,500 galls per hour.

A failure in the electricity supply on a few occasions during the year resulted in certain parts of the District being without water for varying periods.

10,019,000 galls were pumped from the bore to the elevated tank at Pilsgate compared with 10,256,000 galls in the previous year.

At the end of the year the necessary plans and specifications were being prepared for the extension of a short length of 3" main at Pilsgate.

(c) Wittering Water Supply.

During the year Wittering continued to be supplied through a bulk meter from Stamford Waterworks. A fracture on the 3" distribution pipe from the 3,000 gallon tank was repaired and a further section of 3" water main and house services in the second R.A.F. housing scheme were completed during the year.

4,962,000 galls of water were taken from the Bone Mill supply during the year compared with 4,128,000 in the previous year.

(d) St. Martins and Wothorpe.

Stamford Waterworks are the statutory undertakers for these parishes.

WATER SUPPLIES.

(c) Water Samples.

18 samples of water were taken during the year for bacteriological examination, results of which are as follows:-

	Number taken.	Classification of Results 1	2	3	4
Barnack Public Supply					
Before chlorination	3	3	-	-	-
After chlorination	4	4	-	-	-
Thornhaugh Public Supply					
Before chlorination	8	7	-	1	-
After chlorination	3	3	-	-	-
	18	17	-	1	-

In addition two samples of water were taken from two wells. In each case the result was unsatisfactory.

NOTE:-

Ministry of Health Standard of Purity for drinking water is as follows:-

		Presumptive Coli per 100 ml.
Class 1.	Highly Satisfactory	Less than 1
Class 2.	Satisfactory	1 - 2
Class 3.	Suspicious	3 - 10
Class 4.	Unsatisfactory	Greater than 10.

(e) New Connections.

The following 12 new connections were made to the council's mains(14 last year)to serve 11 new Council Houses, 3 cattle troughs, 1 conversion and 5 new dwellings.

Ufford	5	Southorpe	2
Wansford	2	Wittering	3

BUILDING BYELAWS.

23 Plans were deposited for approval during the year, as follows:-

Conversions, Adaptations and Improvements	12
New Dwellings	5
New Cafe	1
New Shop	1
Private Garages	3
New Bungalow - refused	1

COUNCIL HOUSES.

8 houses and 3 bungalows were completed in Wittering during the year. 40 houres were painted.

Minor repairs to the 214 Council Houses are carried out by Council workmen, and other repairs and improvements by building contractors.

The biggest item of repair during the year was the renewal of obsolete ranges and coppers in many of the older types of houses, by modern appliances.

COUNCIL HOUSES(cont'd).

A road improvement, including new fencing, was carried out by the County Council in Wittering.

The need for garages or garage spaces for tenants still remains, especially in Wittering and Wansford.

In conclusion may I express my thanks to the Members of the Council for their continued support, and my fellow officersfor their co-operation.

I am,
Sir, My Lord, Madam and Gentlemen,
Yours sincerely,

D. WARD GRIFFITHS.
(M.R.S.H., M.A.P.H.I.)